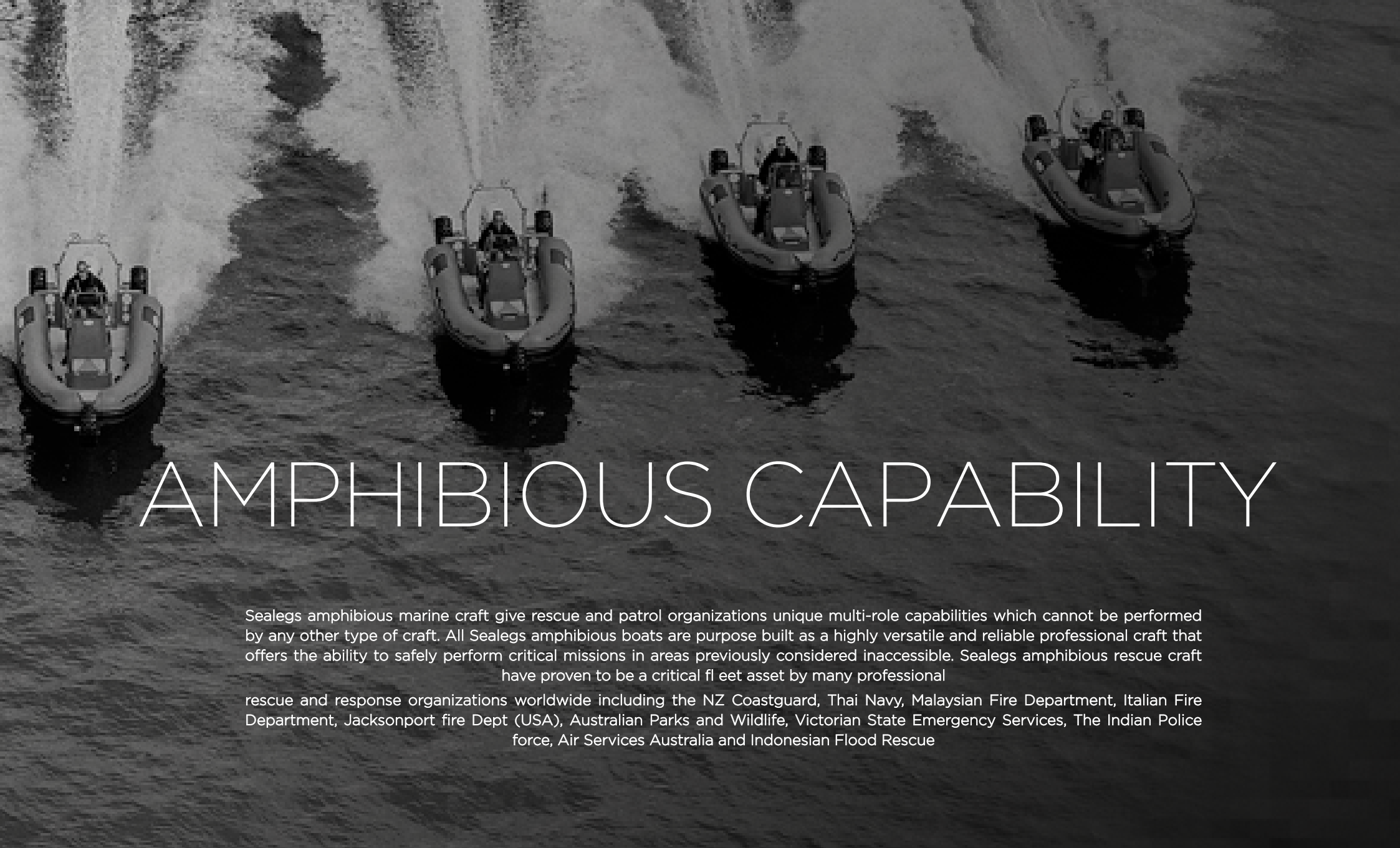




SEALEGS®
BE AMPHIBIOUS





AMPHIBIOUS CAPABILITY

Sealegs amphibious marine craft give rescue and patrol organizations unique multi-role capabilities which cannot be performed by any other type of craft. All Sealegs amphibious boats are purpose built as a highly versatile and reliable professional craft that offers the ability to safely perform critical missions in areas previously considered inaccessible. Sealegs amphibious rescue craft have proven to be a critical fleet asset by many professional

rescue and response organizations worldwide including the NZ Coastguard, Thai Navy, Malaysian Fire Department, Italian Fire Department, Jacksonport fire Dept (USA), Australian Parks and Wildlife, Victorian State Emergency Services, The Indian Police force, Air Services Australia and Indonesian Flood Rescue



IMMEDIATE RESPONSE

COASTAL & RIVERINE **LANDING**
FAST INTERCEPTION

RAPID TRANSITION
SUPPLY & **SUPPORT**



SEALEGS TECHNOLOGY

Sealegs has developed a revolutionary concept of amphibious marine craft which have been specifically developed to take all the hassle out of the boat launching/retrieval process. It is the perfect powerboat solution for emergency response and commercial applications. It's an absolute game-changer!

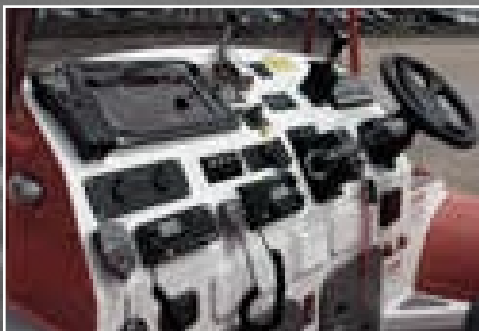
An amphibious Sealegs craft is powered on land by a small inboard engine which drives steerable, hydraulic motorised wheels. At the push of a button the wheels retract or extend, similar to an airplane undercarriage, and Sealegs swiftly transforms itself from an all-terrain vehicle into an ocean-going powerboat. The complete system is built into a specially designed and strengthened combination vehicle/hull chassis to give users a fully integrated, easy to use, turn-key package. The Sealegs system has been designed to ensure that all submersible components are salt-water ready.

Sealegs has invested millions of dollars into research and development of its patented amphibious technology. There are now over 900 Sealegs amphibious marine craft in use in 40 countries worldwide.

- Withstand challenging waters and debris-strewn environments with durable 5083 aluminum hull construction built to Lloyds special craft standards.
- Reliably operate in remote and highly corrosive conditions with durable hydraulic and maritized componentry from patented Sealegs amphibious technology.
- Increased sponson service life with enhanced resistance to oil, chemicals, weather, and damaging UV rays from commercial Hypalon grade fabric.
- Freely drive into exposed debris laden areas with the aluminum air-chambered D-tube that offers the buoyancy of a sponson with the durability of aluminum.
- US Coastguard compliant.
- No formal docking facilities or supporting infrastructure required.







The 7.7m full width console is the perfect craft for professional use. It has been designed to carry up to 8 people on the option of shock mitigating seats in a vessel that can be configured for full operational redundancy.





7.7M RIB
FULL WIDTH CONSOLE



The 71m Rib allows for higher payload while still maintaining its class as the best performance in the range.

With excellent manoeuvrability and extra space for customisation - the 71 the best all-rounder in extreme conditions.





7.1M RIB



The 6.1m RIB is the ideal general purpose, all-round platform for various commercial applications.

It is easily towed to disaster sites then deployed from trailers in the areas where amphibious rescue is required.





6.1M RIB

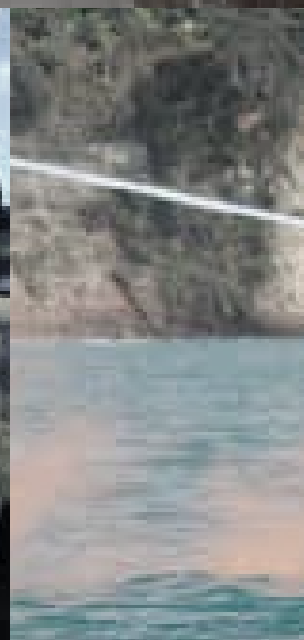


The 6.1m D-tube is extremely rugged and built tough for the most demanding of environments.

Its all-aluminium pontoons eliminate the maintenance of the hypalon tubes but come at the cost of a little additional weight.



6.1M D-TUBE





TECHNICAL SPECIFICATIONS

Sealegs amphibious craft are fully designed and built in-house at our fabrication and assembly facility. A dedicated team of engineers, fabricators and skilled assembly technicians ensure the quality and precision that goes into every Sealegs is of the highest possible level.

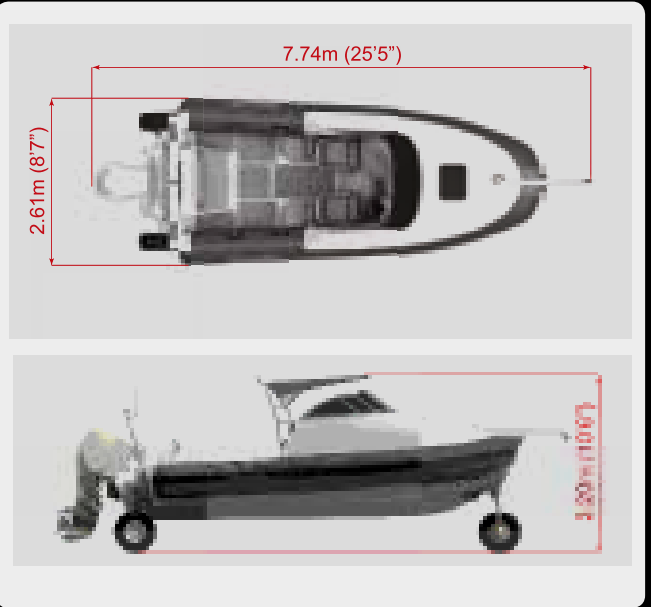
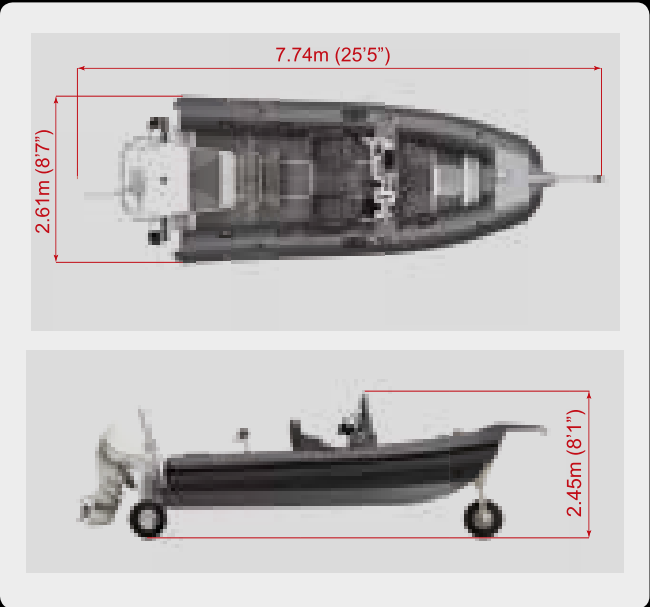
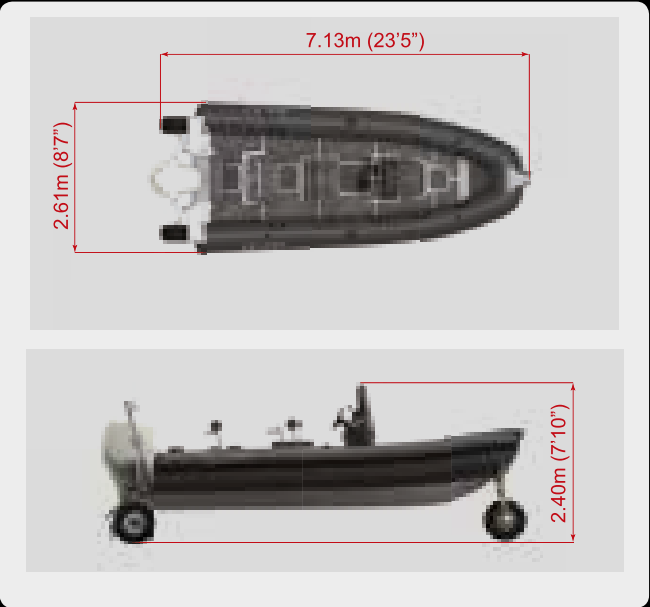
Our large investment in Computer Aided Design (CAD), Computer Aided Machining (CAM) along with the latest computer controlled machining equipment ensures quality of manufacture. To provide endurance in a corrosive marine environment, Sealegs uses premium 5083 marine grade aluminium for construction of the hull and integrated chassis, 6000 series solid aluminium billet for machining cylinders, front leg components and true 316 marine grade stainless steel for other key parts.

Dissimilar metals are then isolated via acetyl bushes. Extensive marine coating processes include marine grade anodisation, 15 stage hull paint process, nickel plating, hot zinc coating and additional marine coating system on the hydraulic wheel motors give the final layers of protection.

	6.1m RIB	6.1m D-Tube
Length Overall	6.13m (20ft 1")	6.13m (20ft 1")
Beam	2.46m (8ft 1")	2.25m (7ft 5")
Draft	0.41m (16")	0.41m (16")
Weight (dry)	1150kg (2530lbs)	1340kg (2948lbs)
Deadrise	21 degrees	21 degrees
Maximum hp	115hp (86kW)	115hp (86kW)
Payload	500kg (1102lbs)	500kg (1102lbs)
Top Speeds	On water- 35knots (65kph/40mph), Land 7.5kph (5mph)	On water- 35knots (65kph/40mph), Land 7.5kph (5mph)



	7.1m RIB	7.7m RIB	7.7m Cabin RIB
	7.13m (23ft 5")	7.74m (25ft 5")	7.74m (25ft 5")
	2.61m (8' 7")	2.61m (8' 7")	2.61m (8' 7")
	0.41m (16")	0.42m (16"1/2")	0.42m (16"1/2")
	1390kg (3058lbs)	1500kg (3300lbs)	1900kg (4180lbs)
	21 degrees	21 degrees	21 degrees
	150hp (112kW)	200hp (149kW)	200hp (149kW)
	700kg (1543lbs)	700kg (1543lbs)	500kg (1102lbs)
	On water- 40knots (74kph/46mph), Land 7.5kph (5mph)	On water- 46knots (85kph/53mph), Land- 7.5kph (5mph)	On water- 43knots (80kph/50mph), Land- 7.5kph (5mph)



TECHNICAL SPECIFICATIONS

	61m RIB	61m D-Tube	71m RIB	77m RIB	77m Cabin
Rigid Inflatable craft with 6 separate chambers, heavy duty Hypalon 828 Tubes, 990 Deniers	•		•	•	•
Aluminium 5083 hull with Aluminium 5083 D-Tube side pontoon chambers, pressure tested		•			
Aluminium 5083 hull plate thickness 5mm	•	•	•	•	•
Marinised hydraulic wheel motors with stainless steel hubs	•	•	•	•	•
Land powered by 4-stroke twin cylinder air-cooled 690cc Honda in-board engine electronic ignition, electric start, hour meter	•	•	•	•	•
Hydraulic steering controls both front wheel on land and outboard on water	•	•	•	•	•
25" X 12" all terrain 6-ply tyres, on 12" alloy rims	•	•	•	•	•
Marinised hydraulic cylinders raise and lower all wheels	•	•	•	•	•
Integrated below-deck fuel tank and gauge	80l / 21 gal	80l / 21 gal	80l / 21 gal	180l / 48gal	180l / 48gal
Helm station pedestal seats with gas strut suspension, and fold up bolster				•	•
Self draining deck storage lockers	2	2	3	1	0
Bow seat	•		•	•	
Davit lift points	•	•	•		
Dual High intensity LED marine headlights	•	•	•	•	•
Warning Horn	•	•	•	•	•
Anti-slip deck tread	•	•	•	•	•
Self draining deck with scuppers	dual scuppers	dual scuppers	dual scuppers	quad scuppers	quad scuppers
1100gph (4180lph) automatic bilge pump	•	•	•	•	•
LED Navigation lights	•	•	•	•	•
Rear hoop with ski tow point, 4 rod holders and light platform	•	•	•	•	•
US Coast Guard and CE compliant	•	•	•	•	•

OPTIONAL EXTRAS

	6.1m RIB	6.1m D-Tube	7.1m RIB	7.7m RIB	7.7m Cabin
CRAFT OPTIONS					
Anchor - Galvanised with 8mm chain and 50m of 10mm nylon rope	•		•	•	
Anchor - Delta, galvanised with 7mm chain and 50m of 10mm nylon rope		•		•	STD
Bow Sprit		•		•	STD
Auxiliary Fuel Tank - 100 litre (26 gallon)			STD		
AWD - Upgrade to All Wheel Drive system with XRT	STD	STD	STD	STD	STD
Back Rest - 2 position, with stainless bar and upholstered roll cushion support	•	•	•		
Boarding Ladder - foldable boarding ladder	•		•	•	•
Boarding Ladder - removable boarding ladder		•			
Lifejacket - Sealegs branded, black Baltic BW150	•	•	•	•	•
Maxtrax - set of two including carry bag	•	•	•	•	•
Trailer	•	•	•	•	•
Metallic Paint - with clear top coat		•			
Heavy-Duty Rope Handles	•		•	•	•
Rub Strip 2nd Layer	•		•	•	•
Fold-down windscreen	•	•	•		
Power Steering	STD	STD	STD	STD	STD
Tie Points - floor mounted tie down points	8	4	8	8	6

	6.1m RIB	6.1m D-Tube	7.1m RIB	7.7m RIB	7.7m Cabin
ELECTRICAL OPTIONS	7"	7"	7"	9/12"	9/12"
GPS / Chartplotter / Depthsounder / Fish finder	•	•	•	•	•
Stereo iPod / Radio - Fusion Marine with 6" speakers	•	•	•	•	•
VHF Radio - Lowrance with fold down aerial	•	•	•	•	•
Winch - Maxwell RC6 Windlass with console switch		•		•	•
Compass -Illuminated, fitted to console	•	•	•	•	•
Dual Battery System	•	•	•	STD	STD
Floodlights - variable direction x2	•	•	•	•	•

	6.1m RIB	6.1m D-Tube	7.1m RIB	7.7m RIB	7.7m Cabin
COVER OPTIONS					
Bimini Canopy - stainless steel frame	•	•	•	•	•
Bimini Cover with extended clears		•			•
Centre Console Cover	•	•	•	•	
Heavy Duty Storage Cover	•	•	•	•	•
T-Top				•	

FEATURES

HYDRAULIC SYSTEM AND INBOARD ENGINE



Sealegs amphibious marine craft are powered by an inboard Honda 690cc air cooled engine which drives a closed loop hydraulic transmission circuit. The console mounted hydraulic joystick gives fully variable speed control in both forward and reverse, with a maximum speed of 7.5kmph (5mph).

The inboard engine is electric start and runs off the same fuel tank as the outboard motor.

The hydraulic transmission circuit uses industrial grade pump and wheel motors and provides up to 250 bar (3700psi) with a maximum of 950Nm (700lbft) of torque at each wheel.

Sealegs craft have very high torque available at low RPM, which combined with the high ground clearance, gives impressive capability to transverse over difficult terrain.

The Sealegs wheels are retracted and deployed by the inboard powered hydraulic lift pump which provides each hydraulic cylinder a maximum lifting capacity of 5000kg (11000lbs) at 160bar (2300psi).



ALL WHEEL DRIVE & XRT



ALL WHEEL DRIVE (AWD)

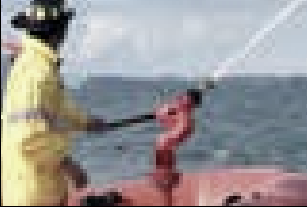
The AWD option adds an additional drive motor to the front wheel of a Sealegs. This provides additional traction and increases all-terrain capability when encountering beach inclines of soft sand, shell, shingle and/or pebbles. A button on the top of the joystick allows for all wheel diff-lock.

EXTENDED RUN TIME (XRT)

The Sealegs Extended Run Time Option increases the on land run time of the hydraulic drive system. Includes a fan assisted hydraulic oil cooler and a hydraulic hot flush valve



which sends hot transmission oil to the oil reservoir tank to exchange it with cooler filtered oil. It incorporates an additional 40 amp alternator to give uprated battery charging as well as the ability to run additional electronics. With an XRT package Sealegs has an increased on-land run time of 30 minutes every hour.



POWER STEERING

An electric hydraulic pump provides extra pressure to the steering system. This provides the operator with fingertip control at the steering wheel.

AUTOMATIC BRAKING SYSTEM (ABS)

ABS is a land based mechanical brake within the rear drive motors which activates automatically in emergency situations, or manually by the user.

STRETCHER

The optional two-piece detachable stretcher system built from 316 Stainless steel is available on the 7.1m RIB and the 7.7m Full width console RIB.

SEALEGS FIREPUMP

The unique Sealegs system enables the existing inboard motor to power a water pump and monitor making it the most versatile vessel for marine fire and rescue.

DRIVE-ON/OFF TRAILER

Specially designed for drive on/off function to simplify loading and transportation. Trailer has tie down points at the bow and stern to ensure safe and secure transport.





CONTACT



NEW ZEALAND NORTH AMERICA

Sealegs has a global network of sales and support centres to provide full customer service.

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